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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
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| 10/073,894      | 02/14/2002  | Akinori Iwase        | 065905-0249         | 6723             |

22428 7590 03/24/2005

FOLEY AND LARDNER  
SUITE 500  
3000 K STREET NW  
WASHINGTON, DC 20007

EXAMINER

NGUYEN, THU V

| ART UNIT | PAPER NUMBER |
|----------|--------------|
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3661

DATE MAILED: 03/24/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/073,894

Applicant(s)

IWASE ET AL.

Examiner

Thu Nguyen

Art Unit

3661

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 07 January 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-11 and 14-22 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-11 and 14-22 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date 1/7/05.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_.

## DETAILED ACTION

### *Claim Rejections - 35 USC § 103*

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 1-2, 14-15 are rejected under 35 U.S.C. 103(a) as being unpatentable over Minoru (JP 10-191453) in view of Hoffman Jr. et al (US 5,197,009).

As per claim 1, Minoru teaches an image forming system comprising a portable terminal 10 (fig.1) connected to a network to transmit document information, a server 20 (fig.1) receives the document information and stores the information corresponding to the user ID; and a printer connected to the network to print the document information (abstract; para 0068-0079). Minoru does not explicitly disclose that the document information should be the desired destination data, and printing the map from the printer location to the desired destination. However, Hoffman teaches the capability of printing map image from the printer location to a destination (col.5, lines 25-31). It would have been obvious to a person of ordinary skill in the art at the time the invention was made to provide a navigation module taught by Hoffman to the server of Minoru in order to provide printing direction to a destination to the user to help user from being lost on his route to a destination.

As per claim 2, refer to claim 1 above. Further, using GPS to determine the position of a device would have been known.

As per claim 14-15, refer to claims 1-2 above.

3. Claims 3-8, 16-19 are rejected under 35 U.S.C. 103(a) as being unpatentable over Minoru (JP 10-191453) in view of Hoffman Jr. et al (US 5,197,009) and further in view of Michii et al (US 6,324,467).

As per claim 3-8, Machii teaches storing a user information at a location corresponding to the user ID (col.11, lines 25-27), further since the ID is stored in the terminal (col.9, lines 49-54), not to requires the user to enter the ID again would have been both well known and obvious, associating a user ID with a password would also very well known for authenticating process. Further, as to claim 5, Machii teaches charging service to the user (col.11, lines 25-32). It would have been obvious to a person of ordinary skill in the art at the time the invention was made to store user information data including the destination data in the user's account associating with the user ID and password and charging the storing and servicing to the user of Minoru in order to provide the user with information that is often used without requiring the user to reenter the information and to financially support the service with the payment from the user. Further, with respect to claims 7-8, charging a sponsor instead of charging the user, and including advertising messages of the sponsor, informing the user of the deleting of a stored information would have been well known.

As per claim 16-19, refer to claims 5-8 above.

4. Claims 9-11, 20-22 are rejected under 35 U.S.C. 103(a) as being unpatentable over Minoru (JP 10-191453) in view of Hoffman Jr. et al (US 5,197,009) and further in view of Takayama et al (US 2001/0056443).

As per claim 9-11, 20-22, Takayama teaches allowing the user to set the time of departure and elapse time as schedule for presentation of the map (paragraph [0358], [0361], [0398],[0416]-[0421], [0444]). It would have been obvious to a person of ordinary skill in the art at the time the invention was made to allow the user or the delivery person of Hoffman to specify the departure time in order to facilitate planning for the navigation before traveling.

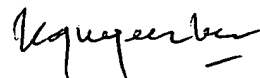
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thu Nguyen whose telephone number is (703) 306-9130. The examiner can normally be reached on T-F (7:30-6:00).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Thomas Black can be reached on (703) 305-8233. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Art Unit: 3661

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

March 17, 2005



**THU V. NGUYEN**  
**PRIMARY EXAMINER**